



566.43481CC4

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: N. FUKUTOMI, et al.

Appln. No.: 10/042,408

Filed: January 8, 2002

For: FABRICATION PROCESS OF SEMICONDUCTOR PACKAGE  
AND SEMICONDUCTOR PACKAGEGroup: 2813  
Examiner: Nema O. Berezny  
Conf. No.: 9036**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 AND 1.98****Mail Stop: AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 12, 2005

Sir:

Pursuant to Applicants' duty of disclosure, enclosed please find copies of documents to be considered during further examination of the above-identified application. These documents were cited either in European Search Reports in corresponding European patent applications, or in an Office Action in a corresponding Japanese patent application. Also enclosed are copies of the European Search Reports and of the Office Action in the corresponding Japanese patent application. Further enclosed are English abstracts of enclosed Japanese patent documents and a corresponding U.S. patents to European Patent Application No. 391,790 (that is, U.S. Patent No. 5,147,982) and No. 091,072 (that is, U.S. Patent No. 4,530,152). Still further enclosed is a Form PTO/SB/08A and B, listing the enclosed documents.

While European Patent Application No. 391,790 and No. 091,072 are cited on the enclosed European Search Reports, they have previously been submitted and considered by the Examiner herein on November 12, 2003, and copies thereof are not enclosed herewith.

This Information Disclosure Statement is being submitted subsequent to a Final Office Action in the above-identified application. For satisfying requirements of 37 CFR 1.97(d), the fee under 37 CFR 1.17(p) is enclosed, and the following Statement is made under 37 CFR 1.97(e):

Each item of information contained in this Information Disclosure Statement was first cited in any

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communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

To the extent that the enclosed documents are not in English, it is respectfully submitted that requirements of 37 CFR 1.98(a)(3) are satisfied by corresponding English-language documents and/or by English-language abstracts and/or by citation of the documents in the enclosed European Search Reports or enclosed Office Action from the Japanese Patent Office.

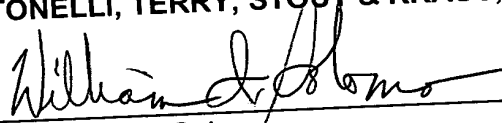
In view of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR 1.97 and 1.98 have been satisfied, in connection with each of the documents listed on the enclosed Form. Accordingly, consideration of the listed documents, upon further examination of the above-identified, is respectfully requested.

Please charge any shortage of fees due in connection with the filing of this paper to the Antonelli, Terry, Stout & Kraus, LLP Deposit Account No. 01-2135 (Docket No. 566.43481CC4), and please credit any excess fees to such Deposit Account.

Respectfully submitted,

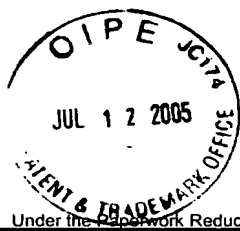
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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)  <b>July 12, 2005</b>			<b>Complete if Known</b>	
			Application Number	10/042,408
			Filing Date	01/08/2002
			First Named Inventor	N. FUKUTOMI
			Art Unit	2813
Examiner Name	N. BEREZNY			
Sheet 1 of 2	Attorney Docket Number 566.43481CC4			

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,218,759	06/1993	F. J. Juskey, et al.	
		US- 5,147,982	09/1992	F. Steffen	
		US- 5,153,385	10/1992	F. J. Juskey, et al.	
		US- 4,530,152	07/1985	G. Roche, et al.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		EP 0 582 052	02/1994	J. W. Sloan		
		JP 4-277636	10/1992	S. Shimada		A
		WO 92/21150	11/1992	K. R. Thompson, et al.		
		JP 61-222151	10/1986	H. Yatsu		A
		JP 59-43554	03/1984	M. Azuma		A
		JP 2-153542	06/1990	H. Kuroda		A
		2-153542	06/1990	H. Kuroda		A
		WO 94/22168	09/1994	D. Mahulikar, et al.		
		JP 5-190584	07/1993	F. J. Juskey, et al.		A
		JP 07-058161	03/1995	T. Ishii		A
		JP 6-112354	04/1994	J. W. Sloan		A

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
		Application Number	10/042,408
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>July 12, 2005</b> <i>(use as many sheets as necessary)</i>		Filing Date	01/08/2002
		First Named Inventor	N. FUKUTOMI
		Group Art Unit	2813
		Examiner Name	N. BEREZNY
		Attorney Docket Number	566.43481CC4
Sheet	2	of	2

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		European Search Report, for Application EP 02 00 3791, dated April 12, 2005.	
		European Search Report, for Application EP 02 00 3792, dated April 12, 2005.	
		European Search Report, for Application EP 02 00 3794, dated April 12, 2005.	
		Japanese Office Action, for Application 2004-160857, dated June 8, 2005.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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